

9175-010

(SHEET 1 OF 12)

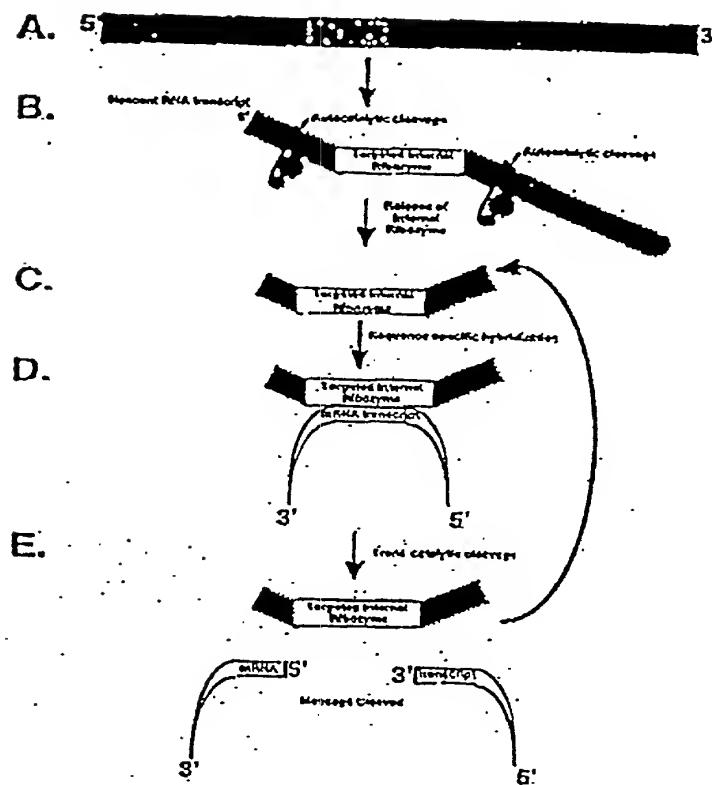


FIG. 1

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pClip Triple Ribozyme Structure

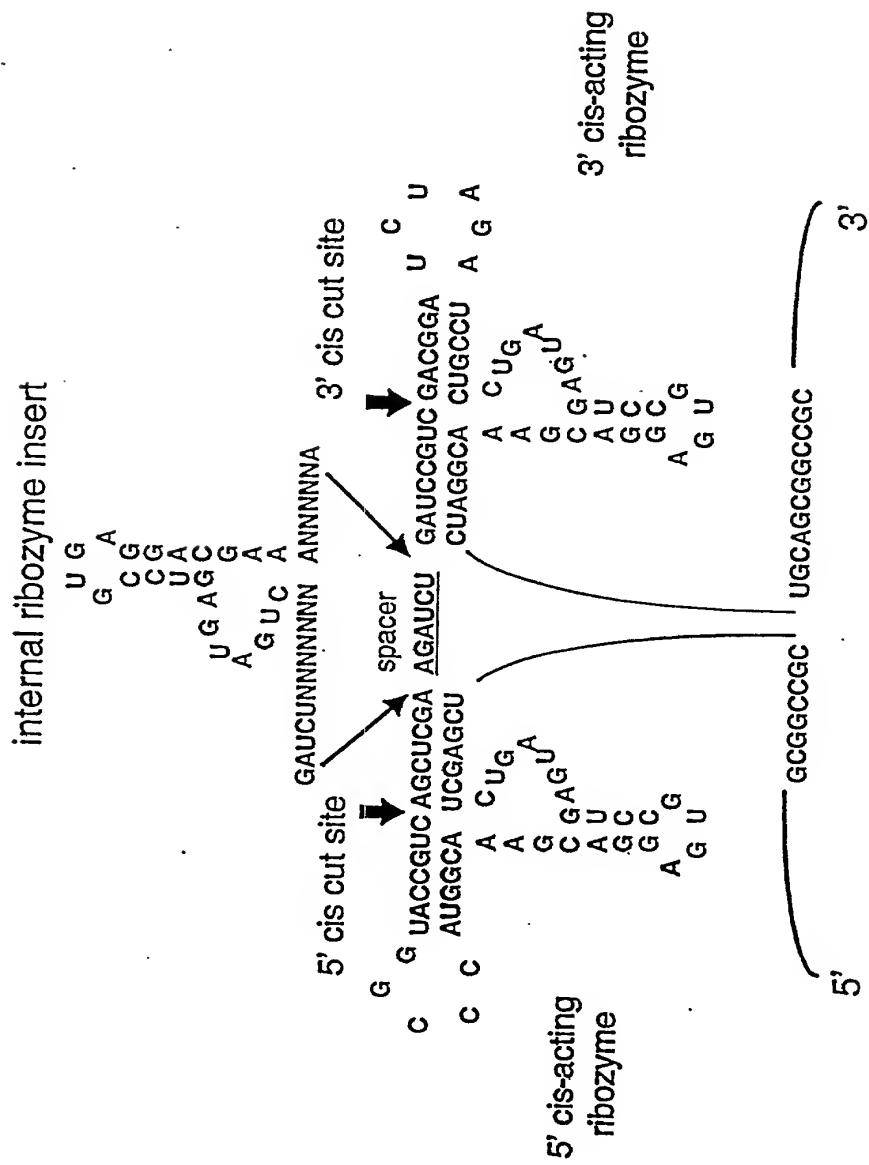


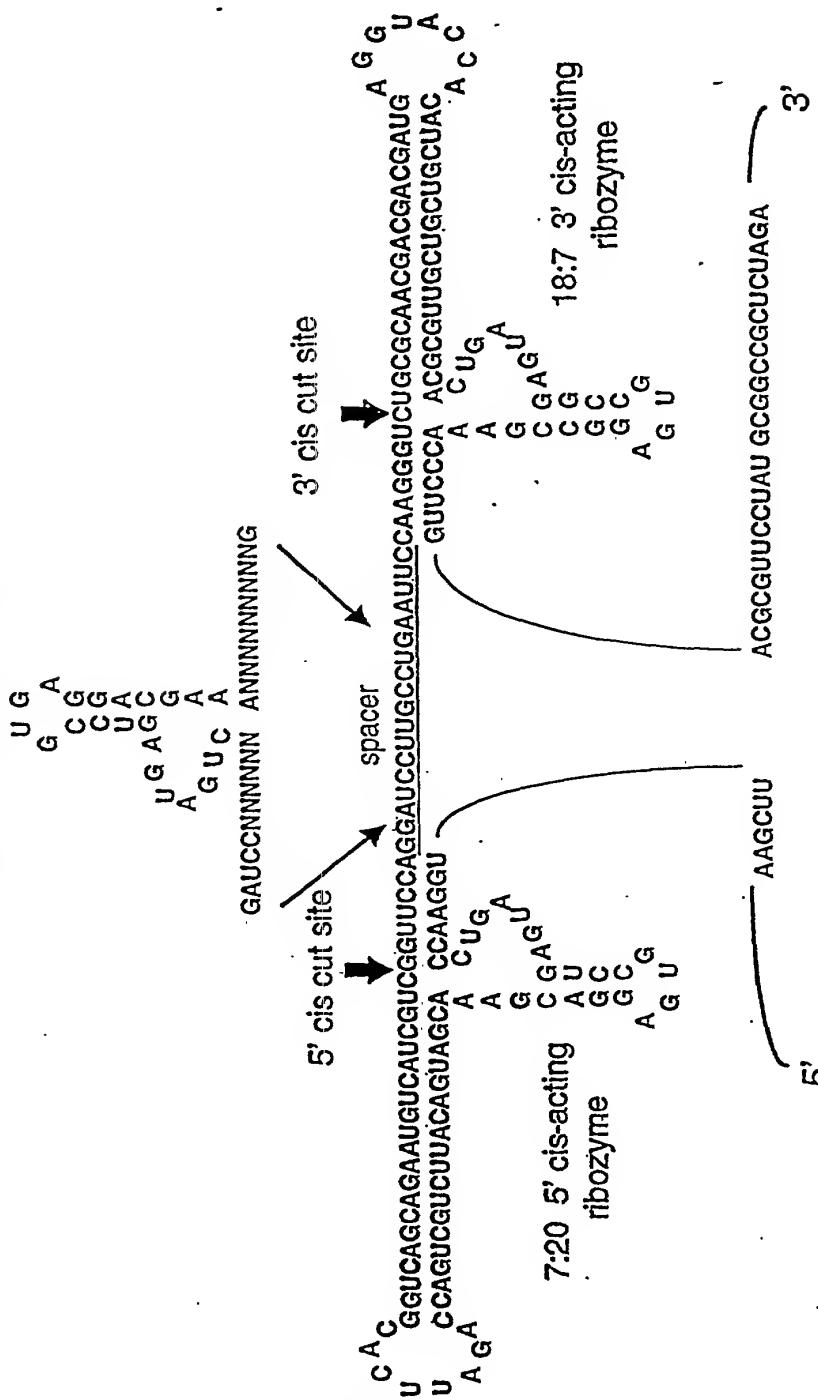
FIG. 2

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pChop Triple Ribozyme Structure

internal ribozyme insert

**FIG. 3**

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The pSNIP Cassette

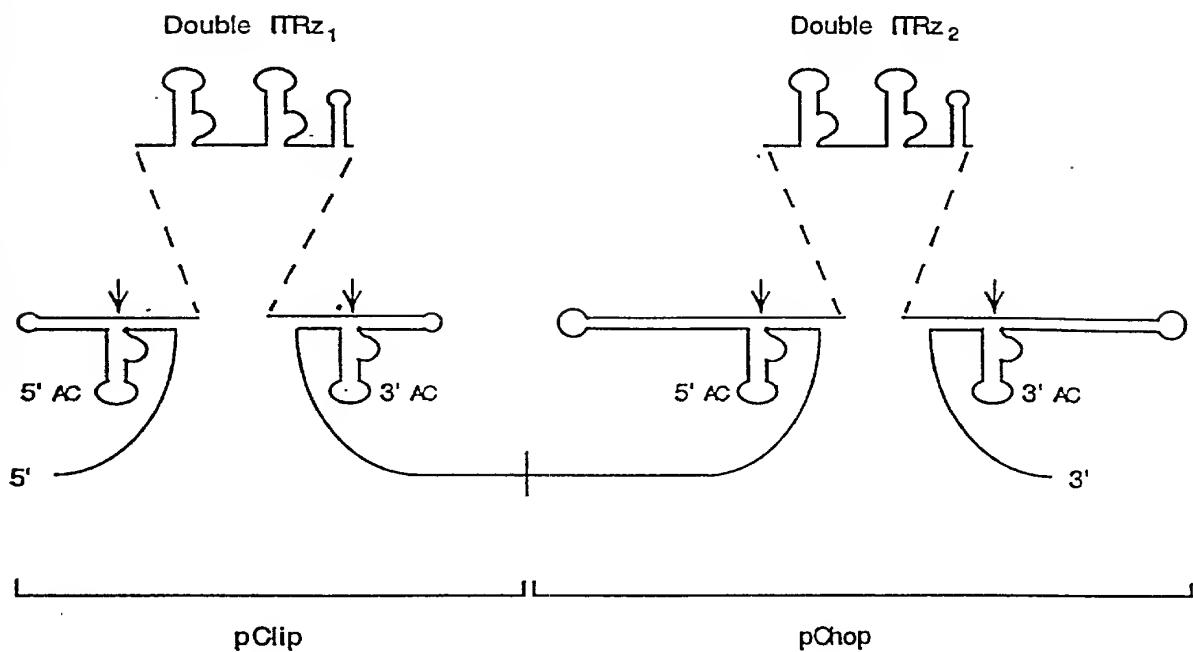


FIG. 4

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Sequence Range: 1 to 364

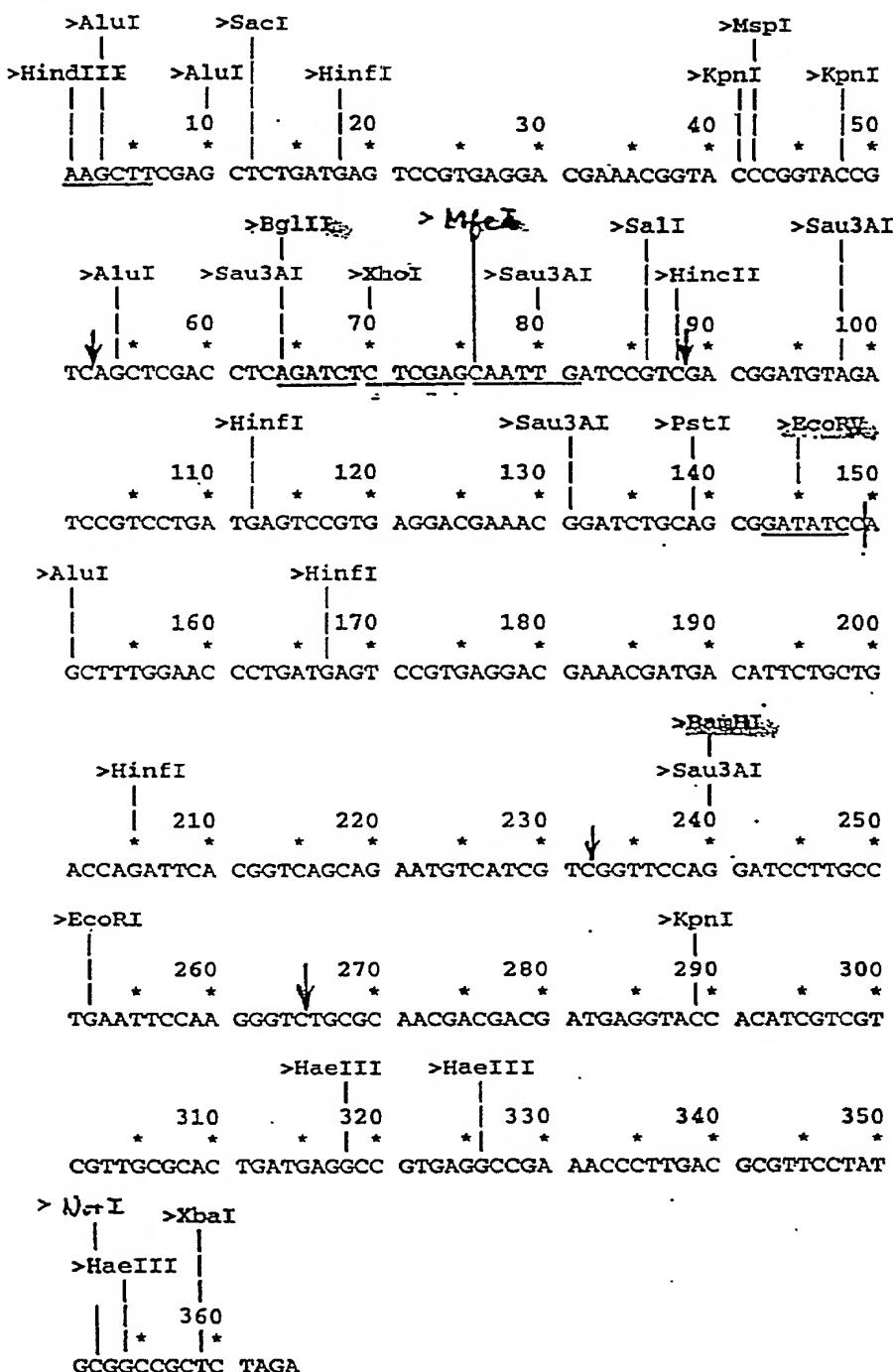


FIG. 5

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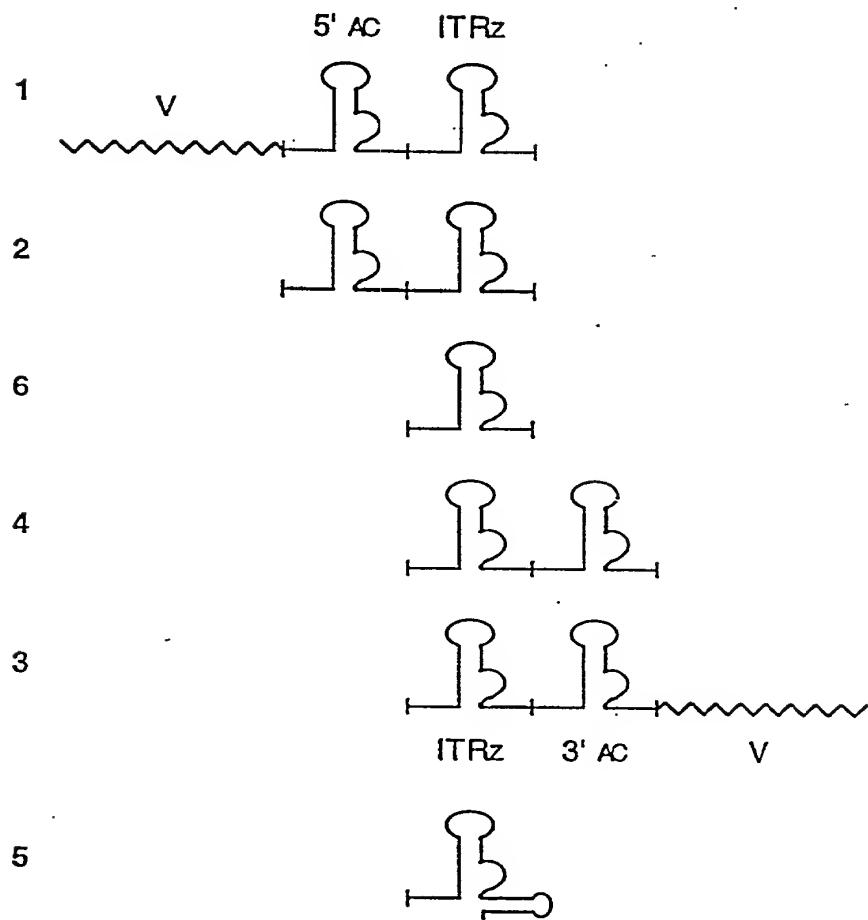


FIG. 6

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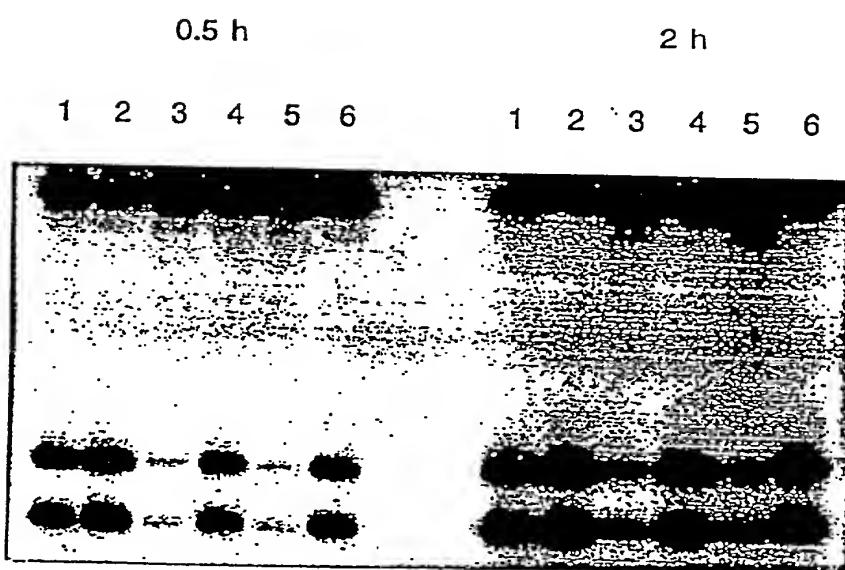
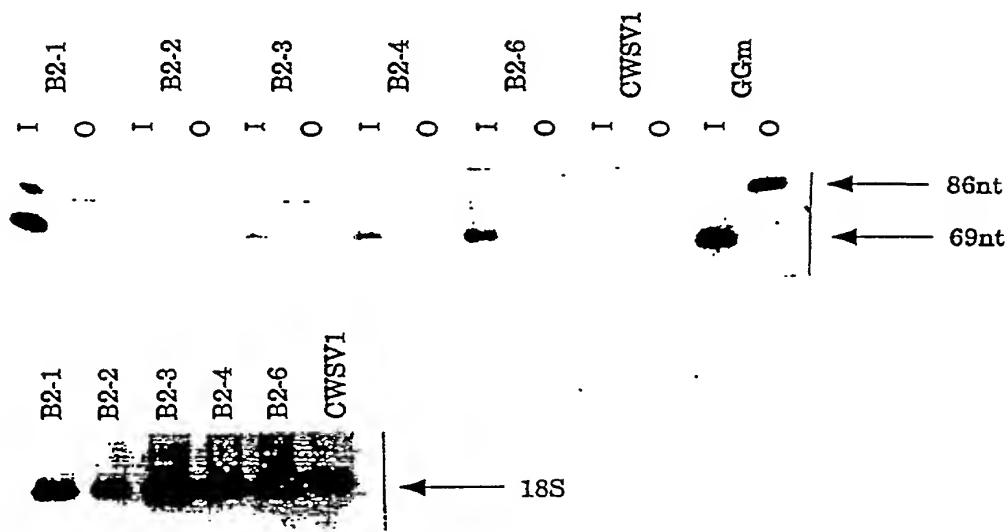


FIG. 7

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A.



B.

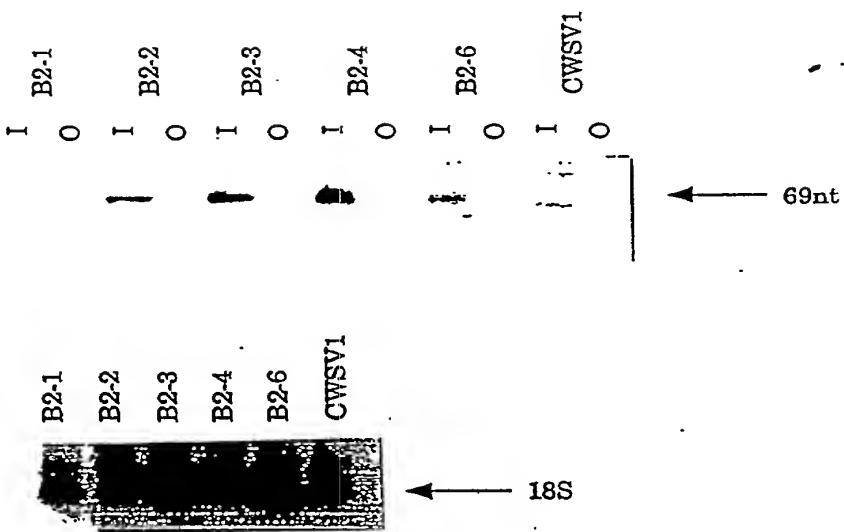


FIG. 8

Prokaryotic ribozyme library screen

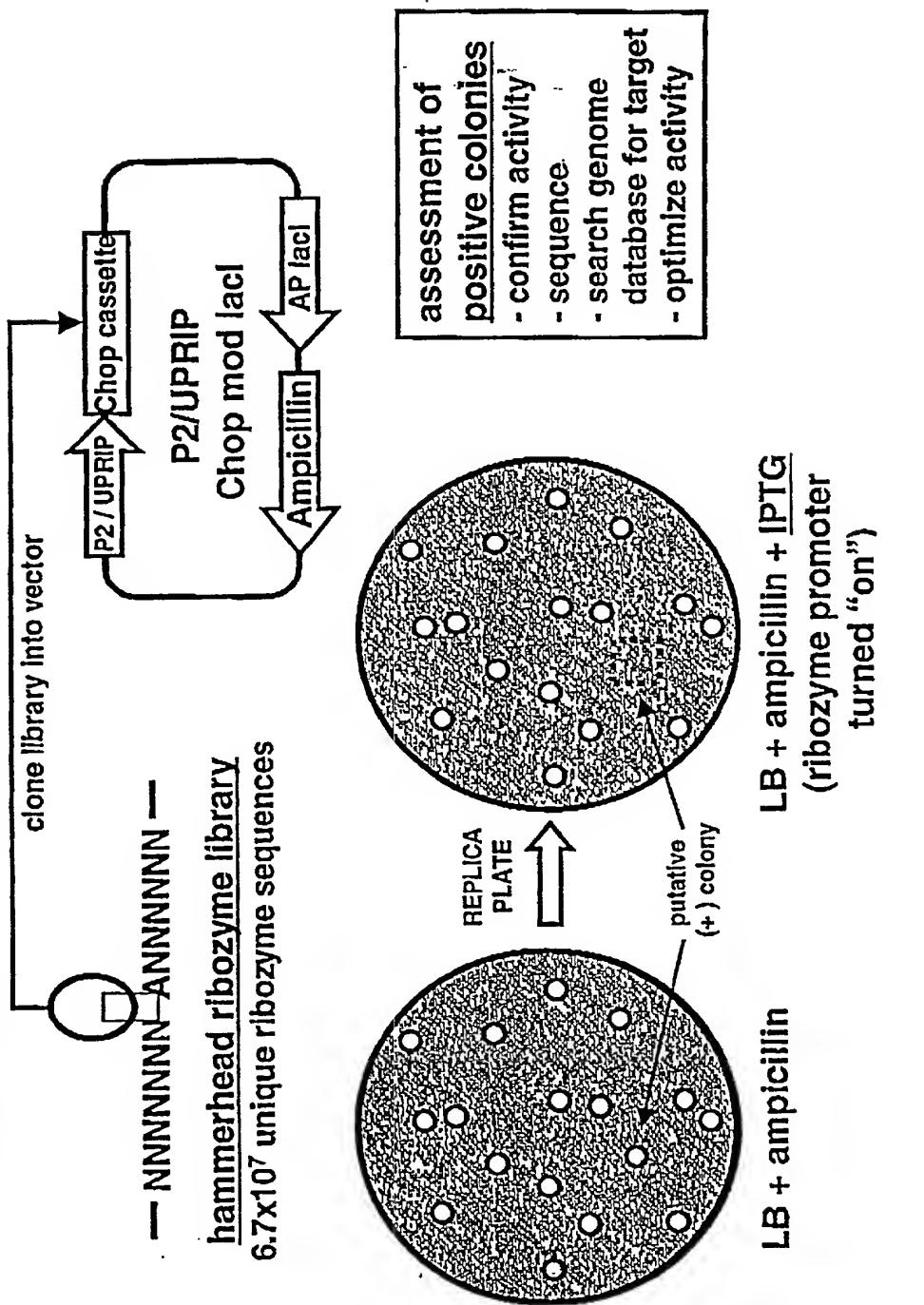


FIG. 9

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I-- UPRIP (LEASHI) PROMOTER-----

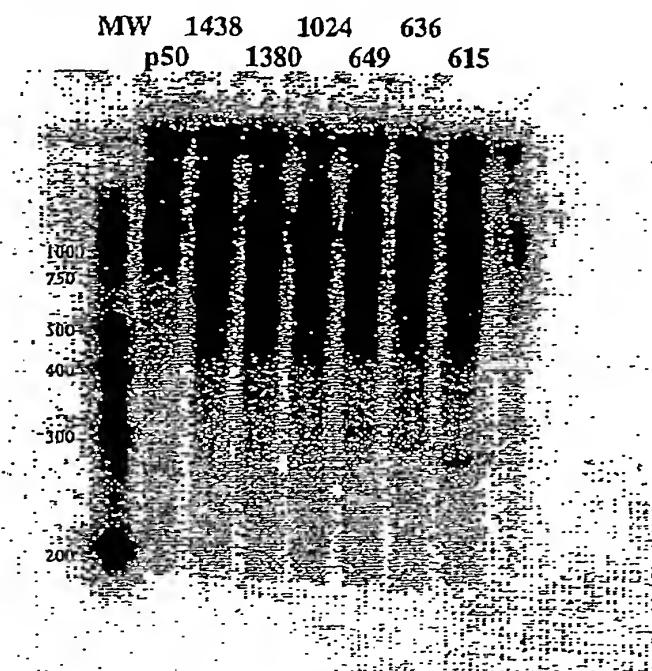
5' TCAGAAAATTATTTAAATTCCAATTGACATTGTGAGCGGATAACAATATAATGTGTG
|---| I--- CHOPMOD INSERT ---→
GAAGCTTATCGATACCGTCGACCTCGAAGCTTGGAACCCCTGATGAGTCCGTGAGGA
CGAAACGATGACATTCTGCTGACCAGATTCACGGTCAGCAGAATGTCATCGTCGGTTC
|---| I-- SPACER INSERT-----→
CAGGATCCGGCTGCTAACAAAGCCCGAAAGGAAGCTGAGTTGGCTGCTGCCACCGC
TGAGCAATAACTAGCATAACCCCTTGGGCCTCTAACACGGGTCTTGAGGGGTTTTG
CTGAAAGGAGGAACATATCCGGATATCCCGCAAGAGGCCGGCAGTACCGGCATAA
CCAAGCCTATGCCTACAGCATCCAGGGTGACGGTGCCGAGGATGACGATGAGCGCA
TTGTTAGATTCATACACGGTGCCTGACTGCGTTAGCAATTAACTGTGATAAACTACC
END (SPACER INSERT)-----| I-- MOD HP INSERT---
GCATTAAGCTTATCGATGATAAGCTGTCAAACATGAGAATTGGCGTACGCCGAA
----|
TTCAAGGGTCTGCGAACGACGACGATGAGGTACCACATCGTCGTCGGCGCACT
|---| I-- TL17 TERMINATOR -----
GATGAGGCCGTGAGGCCGAAACCCCTGACGCGTAAAAAAACCCGCCGGCGGGT
-----| -----END (CHOPMOD INSERT)-----|
TTTTACCCCTCCTATGCGGCCGCTAGTCGAGGGGGCCGCTAGAACTAG 3'

FIG. 10

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Substrate-Cleavage, *In Vitro*



RZ	fragments from p50
615	290, 1326
636	311, 1305
649	324, 1292,
1024	699, 917
1380	1055, 561
1438	1113, 503

FIG. 11

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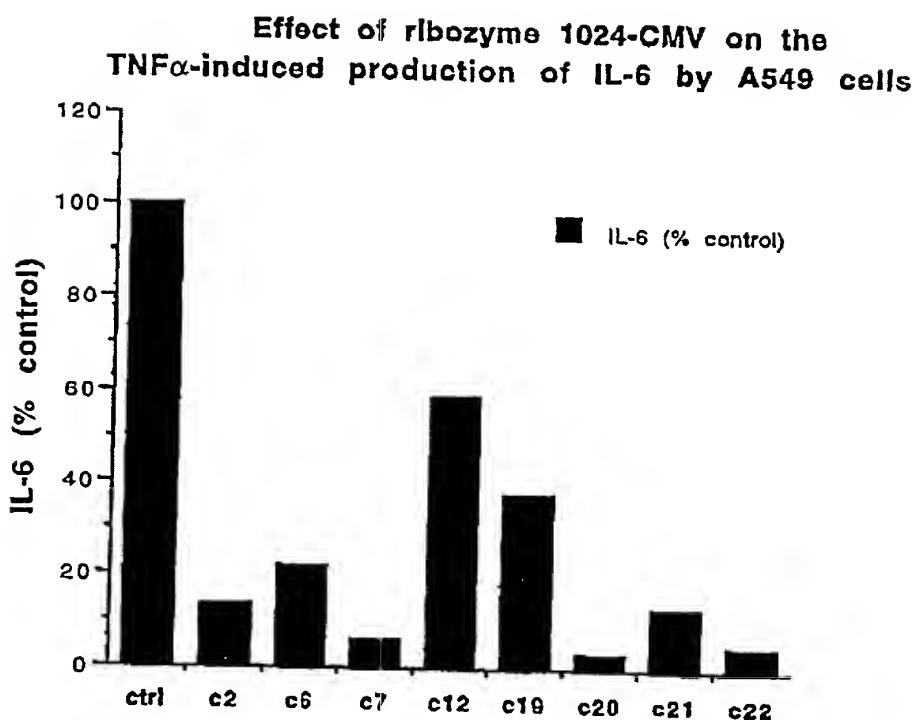


FIG. 12